

ACCESSION NR: AP4037555

weak magnetic fields be constructed in such a manner so as to compensate fully active magnetic fields as well as the Hall generator as such. Orig. art. has: 4 figures and 1 formula.

ASSOCIATION: none

SUBMITTED: 00

DATE ACQ: 05Jun64

ENCL: 00

SUB CODE: EM

NO REF SOV: 003

OTHER: 003

Card 2/2

L 63482-65 GSA(h)/EWT(1)/EWP(m)/EWP(b)/T/EEC(m)/EWP(t) I, F, C) AT/JD

ACCESSION NR: AP5019925

UR/0202/65/060/004/0107/0109

AUTHOR: Sukhanov, S.; Arustanova, M. V.; Petrova, I. V.

22
21
6

TITLE: Crystal Hall transducers made of InSb with high voltage sensitivity

SOURCE: An TurkmSSR. Izvestiya. Seriya fiziko-tehnicheskikh, khimicheskikh i geologicheskikh nauk, no. 4, 1965, 107-109

TOPIC TAGS: Hall transducer, ²⁷indium ²⁷antimonide transducer, voltage sensitive transducer, phase meter

ABSTRACT: Thin-crystal Hall transducers were prepared by bonding a semiconducting InSb wafer 500-800 microns thick to a ferrite base in the shape of a rectangular parallelepiped after the surfaces had been polished and thoroughly cleaned by chemical means. The EKS-1 adhesive was used; it was polymerized for 4-6 hr at 120C. The thickness of the InSb wafer was reduced to 150-200 microns, and a transducer of the desired shape was cut out (see Fig. 1 of the Enclosure). The thickness of the transducer was finally brought down to 40 microns, then the contacts were deposited and the electrodes were soldered on. The following characteristics of the transducers were studied: contact resistance of electrodes, nonequipotentiality emf output electrodes, temperature coefficient, and the relations $R_T = f(I_y)$, $\gamma = f(I_y)$.

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ACCESSION NR: AP5019925

$\gamma = f(d)$, and $U_x = f(I_y)$. A decrease in the transducer's thickness to 3 microns causes a marked increase in the input and output resistance; this will permit the preparation of higher-quality phase meters than those based on germanium Hall transducers. Orig. art. has: 3 figures and 1 table. [08]

ASSOCIATION: Fiziko-tehnicheskij institut AN Turkmenskoy SSR (Physicotechnical Institute, AN Turkmen SSR)

SUBMITTED: 16Feb65

ENCL: 01

SUB CODE: EC

NO REF SOV: 003

OTHER: 00

ATD PRESS: 4067

Card 2/3

L 63482-65

ACCESSION NR: AP5019925

ENCLOSURE: 01

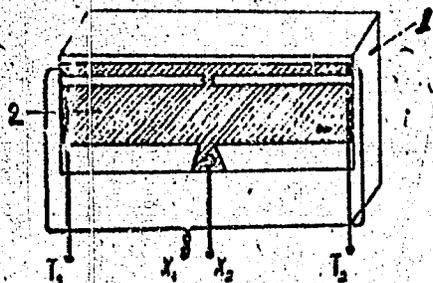


Fig. 1. Diagram of Hall transducer

1 - Ferrite base; 2 - wafer of Hall transducer.

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Card 3/3

L 35851-66 EMT(a)/EMT(t)/MTI ID(c) JD

ACC NR: AP6011418

SOURCE CODE: UR/0202/66/000/002/0035/0039

AUTHOR: Sukhanov, S.; Arustamova, M. V.; Syrkina, V. F. 28
8

ORG: Physico-Technical Institute, AN TurkmSSR (Fiziko-tehnicheskiy institut Turkmensoy SSR)

TITLE: InSb magnetoresistive sensors

SOURCE: AN TurkmSSR. Izvestiya. Seriya fiziko-tehnicheskikh, khimicheskikh i geologicheskikh nauk, no. 2, 1966, 35-39

TOPIC TAGS: magnetoresistance, sensor, transducer

ABSTRACT: The results of an experimental investigation of five InSb magnetoresistive sensors of various sizes and shapes (disk, square, rectangle) are reported; temperature range +20 +100C; supply, ac 1000 cps. A $\Delta\rho/\rho_0 = f(H)$ plot shows that the Carbineau disk has maximum resistance variation. A plot of

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UDC: 621.382.2

L 25891-66

AP6011418

$\Delta\rho/\rho_0$ vs. temperature is also shown. Some results are held doubtful because of possible specimen contamination in the course of the raster-making operation. It is proven that a rectangular sensor has maximum sensitivity and that the sensitivity increases with (a) better suppression of E_x by the raster, (b) smaller raster interval, and (c) sharper raster face. Magnetoresistive sensors are held suitable for use in magnetometers, level gages, pressure gages, encoders, etc. Orig. art. has: 3 figures and 1 table.

SUB CODE: 09 / SUBM DATE: 03Dec65 / ORIG REF: 003 / OTH REF: 001

ms
Card 2/2

TUMANYAN, V.A.; SARINYAN, M.G.; GALSTYAN, D.A.; KANETSYAN, A.R.;
ARUSTAMOVA, M.Ye.; SARKISYAN, G.S.

Investigation of hypernuclei produced by 8.8 Bev. protons. Zhur.
eksp.i teor.fiz. 41 no.4:1007-1022 0 '61. (MIRA 14:10)

1. Fizicheskiy institut AN Armyanskoy SSR.
(Nuclei, Atomic) (Protons)

L 17603-63

EWT(m)/BDS AFFTC/ASD

S/056/63/044/003/014/053

57
56AUTHOR: Arustamova, M. Ye., Kanetsyan, A. R., Sarinyan, M. G.,
Toshiyan, R. I., Tumanyan, V. A., and Tymanyan, E. R.TITLE: Production of hypernuclei by 8.8 Bev protonsPERIODICAL: Zhurnal eksperimental'noy i tekhnicheskoy fiziki, v. 44, no. 3,
1963, 861-865

TEXT: This paper is the continuation of the work investigating the production of hypernuclei in photoemulsion exposed to the internal 8.8 Bev proton beam. The experimental procedure was described in an earlier paper by V. A. Tumanyan, M. G. Sarinyan, D. A. Galstyan, A. R. Kanetsyan, and M. Ye. Arustamova (Ref. 1: ZhETF, 41, 1007, 1961). The results are summarized in Table 1 containing the first known cases of the B_{Λ}^{10} and B_{Λ}^{11} decays. The article concludes with a detailed discussion of the results on the basis of theoretical suggestions by F. Ferrary and L. Fonda (Ref. 3: Nuovo Cim., 7, 320, 1958) and H. Primakoff and W. B. Cheston (Ref. 4: Phys. Rev., 92, 1537, 1953). The physical results are in agreement with the conclusions of the first part of the Ref. 1. There are 3 figures and 2 tables.

ASSOCIATION: Physics Institute of the Academy of Sciences of the Armenian
Card 1/5 SSR.

ARUSTAMOVA, Ts. T., CHARNYY, I. A. and FREYDENZON, A. I.

"Dynamic Calculation of Rods for Deep Petroleum Pumps Taking into Account Friction Force against the Pump Pipes," Iz. Ak. Nauk SSSR, Otdel. Tekh. Nauk, No.6, 1949

Moscow Petroleum Inst. im. Gubkin

ARUSTAMOVA, TS. T.

22463. Arustamova, Ts. T Issledovanie raboty mnogostupenchatykh. shtang glubokogo Nasosa. Trudy Mosk. Neft in-ta im. akad. gubkina, vyp. 9, 1949, s 79-86.

SO: LEPOTIS' No. 30, 1949

STARK, Sergey Borisovich; KANTOROVICH, B.V., prof., doktor tekhn. nauk, retsenzent; KOSTOCHKIN, V.N., prof., doktor tekhn. nauk, retsenzent; LELYAVIN, N.Ya., dotsent, kand. tekhn. nauk, retsenzent; ARUSTAMOVA, TS.T., dots., kand. tekhn. nauk, retsenzent; KISELEV, V.I., dots., kand. tekhn. nauk, retsenzent; SUSHKIN, I.N., inzh., retsenzent; BRINZA, V.N., red.; ISLENT'YEVA, P.G., tekhn. red.

[Fundamentals of hydraulics, pumps and air-blowing machines; collection of problems] Osnovy gidravliki, nasosy i vozdukhoduvnyye mashiny; sbornik zadach. Izd.2., perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 456 p. (MIRA 14:9)

(Hydraulics) (Pumping machinery) (Blowers)

BOYADZHYAN, S.G., inzh.; ARUSTAMYAN, N.V., inzh.

Use of a stationary three-phase method for determining super-transitory inductive reactance of a synchronous machine. Vest. elektroprom. 32 no.11:18-21 N '61. (MIRA 14:11)
(Electric machinery, Synchronous)

ARUSTAMYAN, S.

Scientific and technological societies should pay full attention
to production quality. Prom.Arm. 7 no.1:65-67 Ja '64.
(MIRA 17:4)

ARUSTAMYAN, S.A., mladshiy nauchnyy sotrudnik

Roots of the spinal arches in an X-ray image with respect to age.
Vop.rent.i onk. 6s:113-122 '61. (MIRA 1682)
(SPINE--RADIOGRAPHY)

ALEKHIN, S.V., doktor tekhn.nauk, prof.; ARUSTAMYAN, S.A., aspirant

Investigating the operation conditions of the splined joints
of the axial cardan transmission of diesel locomotives and
analyzing the methods for the lengthening of their service life.
Sbor. trud. LIGHT no.197:3-24 '62. (MIRA 16:8)
(Diesel locomotives--Transmission devices)

ALEKHIN, S.V., doktor tekhn.nauk, prof.; ARUSTAMYAN, S.A., aspirant

Applying the polarization and optical method for determining the specific pressures in the teeth of the splined joints of diesel locomotive cardan transmissions. Sbor. trud. LIIZHT no.197: 25-37 '62. (MIRA 16:8)

(Diesel locomotives—Transmission devices)
(Strains and stresses)

ARUSTAMYAN, S.A., mladshiy nauchnyy sotrudnik

Asymmetry and anomaly of the roots of the vertebral arches in
an X-ray image. Vop. rent. i onk. 7:91-99 '63 (MIRA 1787)

X-ray picture of the roots of the vertebral arches in hemangio-
gliomas. Vop. rent. i onk. 7:101-109 '63 (MIRA 1787)

ARUSTAMYAN, T. A.

Intravenous novocaine therapy of *Iatrodectus lugubris* bite. Med.
paras. i paras.bol. 24 no.4:355-357 O-D '55. (MLRA 9:1)

1. Iz kliniki gospital'noy terapii Samarkandskogo meditsinskogo
instituta imeni akad. I. P. Pavlova (sav. klinikoy-saslushennyy
deyatel'nauki, prof. V. Yu.Ioffe)

(PROCAINE, therapeutic use,

arachnidism caused by *Iatrodectus lugubris*, intravenous
admin.)

(ARACHNIDISM, therapy,

procaine, intravenous, in *Iatrodectus lugubris* bite)

Name: ARUSTANYAN, T. A.

Dissertation: Clinical aspects and treatment of the bite of the black wolf spider (*Latrodectus tredecimguttatus* Rossi); based on material from Pay-Aryk District, Uzbek SSR

Degree: Cand Med Sci

Referenced at
Affiliation: Min Health Uzbek SSR, Samarkand State Medical Inst imeni Academician I. P. Pavlov

Publication
Defense Date, Place: 1956, Samarkand

Source: Knizhnaya Letopis', No 48, 1956

ARUSTAMYAN, T.A.

Residual and intermediate blood oxidation following a bite by *tredecumguttatus*. Med. paraz. i paraz. bol. 27 no.4:451-454 J1-Ag '58. (MIRA 12:2)

1. Iz kliniki gosital'noy terapii Samarkandskogo meditsinskogo instituta imeni akad. I.P. Pavlova (dir.instituta M.A. Mirzarnukhamedov, zav. klinikoy - prof. V.Yu. Ioffe).

(ARACHNIDISM, blood in,

Iatrodoctus tredecumguttatus bite, blood residual & intermediate oxidation (Rus))

ARUSTANYAN, T.A., kand.mod.nauk (Samarkand)

Clinical picture and treatment of a *Latrodectus* bite. Klin.med. 37
no.11:112-116 N '59. (MIRA 13:3)

1. Iz Samarkandskogo meditsinskogo instituta imeni akademika I.P.
Pavlova (direktor - dotsent M.A. Mirzamukhamedov).
(ARACHNIDISM)

ARUSTAMYAN, T.A.

Some problems in the epidemiology and prevention of bites by
Lathrodectus lugubris. Med.paraz.i paraz.bol. no.3:298-300
'61. (MIRA 14:9)

1. Iz Samarkandskogo meditsinskogo instituta imeni akad. I.P.
Pavlova (dir. M.A. Mirzamukhamedov).
(VENOM)

ARUSTAMYANTS, Isaak Avanesovich; insh.; ZLATKOVSKIY, A.F., kand.tekhn.nauk;
MOZHAIM, I.M., insh. [deceased]; SKVORTSOV, P.F., kand.tekhn.nauk;
YURASOV, V.V., kand.tekhn.nauk; NIKITINA, V.M., red.; FEDOTOVA,
A.F., tekhn.red.

[Brief manual on electricity in agriculture] Kratkii spravochnik
po elektrifikatsii sel'skogo khoziaistva. Moskva, Gos.izd-vo
sel'khoz.lit-ry, 1959. 250 p. (MIRA 13:5)
(Electricity in agriculture)

ARUSTANYANTS, I.A.

Russian village on the road towards over-all electrification.
Nauka i pered.op.v sel'khoz. 9 no.12:41-43 D '59. (MIRA 13:4)

I.Glavnyy inzhener Glavsel'elektro Ministerstva sel'skogo
khozaystva RSFSR.
(Rural electrification)

ARUSTAMYANTS, I.

Over-all mechanization in constructing rural electric transmission lines. Sel'.stroi. 14 no.12:8-9 D '59.
(MIRA 13:4)

1. Glavnyy inzhener Glavsel'elektro Ministerstva sel'skogo khozyaystva RSFSR.
(Electric lines--Poles) (Rural electrification)

ARUSTAMYANES, I.A., inzh.

Electrification of agriculture in the R.S.F.S.R. Mekh. 1
elek.sots.sel'khoz. 17 no.3:30-34 '59. (MIRA 12:8)

1. Glavnoye upravleniye elektrifikatsii sel'skogo khozyaystva
Ministerstva sel'skogo khozyaystva RSFSR.
(Rural electrification)

DZIEDZIUSZKO, Anna; ARUSTOWICZ, Zofia

Congenital hyperthyroidism in a newborn infant. *Pediat. Pol.* 37 no.5:
521-524 My '62.

1. Z Oddziału Noworodków I Kliniki Położnictwa i Chorob Kobięcych AM
w Gdańsku Kierownik Kliniki: doc. dr med. S. Metler Konsultant Oddziału
Noworodków: prof. dr med. K. Erecinski.

(HYPERTHYROIDISM in inf & child)
(INFANT NEWBORN dis)

ARUSTONICE, Zdzisław

Cord blood fibrinogen level in normal mature and premature newborn infants and in dyspnoe syndrome. Ginek. Pol. 36 no.6: 617-622 Je '65.

I. Z I Kliniki Położnictwa i Chorob Kobietych Akademii Medycznej w Gdańsku (Kierownik: prof. dr. med. S. Metler).

ARAKELYAN, R.A.; VEGUNI, A.T.; BAL'YAN, S.P.; SAYADYAN, Yu.V.;
ASRATYAN, V.P.; BAGDASARYAN, G.P.; MALKHASYAN, E.G.;
ARUTYUNYAN, A.R.; ARUTCHYAN, A.G., red.; ASLANYAN, A.I., red.;
GOGINYAN, V.Y., red.; GULYAN, E.Kh., red.; KAZARYAN, S.V., red.;
MKRTCHYAN, K.A., red.; TSAMERYAN, P.P., red.

[Study of the geology of the U.S.S.R.] Geologicheskaya izu-
chennost' SSSR. Erevan, Izd-vo AN Arm. SSR Vol.48. No.1.
1964. 157 p. (MIRA 18:6)

ARUTCHYAN, G.A., inzh.

New swimming pool. Gor. khoz. Mosk 34 no.8:14-16 Ag '60.
(MIRA 13:9)

1. Rukovoditel' avtorskogo nadzora.
(Moscow--Swimming pools)

CHERNOZUBOV, S.; GEL'FMAN, A.; ARUTINOV, I.

Making blocks from bricks constitutes one part of "large block"
construction. Stroi. mat., izdel. i konstr. 1 no.10:10-13 O '55.

(MIRA 9:1)

1. Direktor instituta "Rosstromproyekt" (for Chernozubov).
2. Nachal'nik Leningradskogo otdeleniya instituta (for Gel'fman).
3. Glavnyy tekhnolog Leningradskogo otdeleniya (for Arutinov).
(Building blocks)

ARUTINOV, I., inzhener.

Advantages of remodeling annular kilns to tunnel kilns. Stroi.
mat. 2 no.12:16-18 P '56. (ICLRA 10:2)

(Kilns)

GEL'FMAN, A.I.; MISHNAYEVSKIY, N.E.; ARUTINOV, I.B.; MEL'NIKOV, O.N.

Industrial base of pipe production for heating systems. Stroi.mat. 10
no.8:21-22 Ag '64. (MIRA 17:12)

1. Direktor instituta Lenproyektinims (for Gel'fman). 2. Glavnyy inzh.
tresta No.103 Glavnogo upravleniya po zhilishchnomu, grazhdanskomu i
promyshlennomu stroitel'stu Leningradskogo gorodskogo ispolnitel'nogo
komiteta (for Mel'nikov).

ARUTINOV, O.M., mladshiy nauchnyy sotrudnik.

Two-channel apparatus for radiation well logging on a single cable
of the type adapted by the Moscow Petroleum Institute in 1952.
Trudy MNI no.15:186-196 '55. (MLRA 9:8)
(Oil well logging, Radiation)

ARUTINOV O.M.

127-58-1-15/28

AUTHORS: Verkhovskiy, I.M., Professor, Doctor of Technical Sciences; Zemskov, V.D., and Vinogradov, N.N., Candidates of Technical Sciences; Arutinov, O.M., Engineer-Physicist

TITLE: Investigation by the Gamma-Location Method of Some Regularities in the Jigging Process (Issledovaniye nekotorykh zakonomernostey protsessa otsadki metodom gamma-lokatsii)

PERIODICAL: Gornyy Zhurnal, 1958, Nr 1, pp 53-56 (USSR)

ABSTRACT: Numerous versions of the "marked atoms" method employed at present do not make possible the study of the kinetics of the spatial motion of grains in media with different absorption coefficients. Therefore, the Chair of Concentration at the Moscow Mining Institute developed a new method, named "gamma-location", for the continuous study of mineral grain motion. The gamma-location method makes it possible to record continuously the spatial displacements of a particle under investigation into which a radioactive isotope with hard gamma-radiation is inserted. The block-diagram of the equipment is shown in Figure 1. The equipment consists of the following basic parts: 1) an indicator

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127-58-1-15/28

Investigation by the Gamma-Location Method of Some Regularities in the Jigging Process

system; 2) an electronic computer; 3) an oscillograph; 4) a high-voltage stabilized amplifier, and 5) a stabilizer of voltage. The essence of the gamma-location method consists in that the spatial motion of the grains is broken-down into 3 coordinates, by means of special systems of indicators. The motion of the grain along each coordinate is continuously recorded as a function of time. The indicator systems consist of standard discharge counters situated according to a definite system, called "carpets". The electronic computer converts the pulses into direct current proportional to their frequency. It consists of several similar channels corresponding to the number of coordinates being measured simultaneously. The results permit the discovery of basic laws of grain motion in jigging machines. For instance, the graph of the motion of a heavy grain represents a monotonous function (shown in Figure 2) which indicates that the grain continuously sinks to the bottom layer. The motion of light grains has a "jump-like" character shown in Figure 3. Analysis of the results shows that the state of intermediate, slightly loosened layers

Card 2/3

127-58-1-15/26

Investigation by the Gamma-Location Method of Some Regularities in the Jigging Process

(thickness and degree of loosening) is a criterion of the jigging process which determines the specific weight of separation and the quality of concentration products. The intermediate layers serve as a filter which passes down only grains of a definite specific gravity. The filtering properties of the intermediate layer depend upon many factors: specific gravity and size of the grains, the magnitude of hydrodynamic forces, and mechanical interaction forces between the grains. The establishment of the effects of these factors calls for extensive investigations. The article contains 1 figure, 2 graphs, and 7 references, of which 5 are Soviet and 2 English.

ASSOCIATION: Moskovskiy gornyy institut (Moscow Mining Institute)

AVAILABLE: Library of Congress

Card 3/3

1. Tracers-Applications
2. Isotopes (Radioactive)-Applications
3. Gamma rays-Applications
4. Mining engineering-USSR

SOV/137-58-10-20391

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 10, p6 (USSR)

AUTHORS: Verkhovskiy, I. M., Vinogradov, N. N., Arutinov, O. M.

TITLE: Use of Nucleonic Methods (Gamma and Neutron Radiations) for the Investigation and Automation of the Pulsator Jigging Process [Primeneniye yadernykh metodov (gamma- i neytronnykh izlucheniye) dlya issledovaniya i avtomatizatsii protsessa otsadki]

PERIODICAL: Nauchn. dokl. vyssh. shkoly. Gorn. delo, 1958, Nr 1, pp 263-274

ABSTRACT: The following methods are developed: 1) The method of γ location, permitting continuous recording of the characteristics of the spatial movement of the grains in the bed of the pulsator jigging machine; 2) the method of determining density at various points in the bed; 3) methods of determining the degree of looseness of the bed. Variants of designs of automatic regulators to maintain these parameters at constant levels are developed. A pick-up design for an automatic regulator for determining medium density was developed and was tested under industrial conditions with encouraging results.

Card 1/1

1. Ores--Processing 2. Radiation--Applications
3. Industrial equipment--Control systems

M. M.

VERKHOVSKIY, I.M., prof., doktor tekhn.nauk; VINOGRADOV, H.N., dots.,
kand. tekhn.nauk; ARUTINOV, O.M., inzh.

Movement of mineral particles at the bottom of a jugging machine.
Nauch. dokl. vys. shkoly; gor. delo no.3:248-252 '58. (MIRA 11:9)

1. Predstavlena kafedroy obogashcheniya Moskovskogo gornogo instituta
im. I.V. Stalina.

(Ore dressing)

VERKHOVSKIY, I.M., prof.; VINOGRADOV, N.N., dotsent; ANUTINOV, O.M., inzh.

Investigating the kinetics of the jigging process. Izv.vys.ucheb.
zav.; gor.shur. no.10:141-148 '59. (MIRA 13:5)

1. Moskovskiy gornyy institut. Predstavlena kafedroy obogashcheniya
poleznykh iskopayemykh Moskovskogo gornogo instituta imeni I.V.
Stalina.

(Ore dressing)

SIVINTSEV, Yu.V.; ARUTINOV, O.M.; KANAREYKIN, V.A.

Determining natural radioactivity of the human organism. Med.
rad. 10 no.11:66-71 N '65. (MIRA 19:1)

1. Submitted May 11, 1964.

L 42116-65 EWA(h)/EWT(m) - DM
ACCESSION NR: AP5005805

27
28
B S/0089/65/013/002/0141/0147

AUTHOR: Sivintsev, Yu. V.; Arutinov, O. M.; Kanareykin, V. A.; Fanov, M. A.

TITLE: Spectrometer for human radiation

SOURCE: Atomnaya energiya, v. 18, no. 2, 1965, 141-147

TOPIC TAGS: biological contamination, biological agent detection, radioactive fall-out, radiation measurement qm

ABSTRACT: The article describes a spectrometer for whole-body counting constructed at the Institut atomnoy energii im. I. V. Kurchatova (Institute of Atomic Energy) in 1961. The patient and four spectrometer pickups are placed inside a steel chamber (2 x 2 x 2 m inside dimensions). Each pickup contains an NaI(Tl) crystal scintillation counter, a photomultiplier, and the associated electronic equipment. The pulses from the four pickups are amplified and fed to a 128-channel pulse-height analyzer. The output of the analyzer shows the spectrum of the radiation from the human patient, with the peaks corresponding to radioactive K^{40} and Cs^{137} . Work on improvement of the parameters of the apparatus is described. The background counting rate has been reduced to 7800 counts/hr per kg of scintillator in the 1.0--2100

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L 42116-65

ACCESSION NR: AP5005805

keV energy range. Calibration carried out with aqueous solutions of K^{40} and Cs^{137} in a dummy have shown that the spectrometer sensitivity is 1.4×10^{-11} Curie/kg of γ -emitting isotope in the human organism. The tests have shown that the average potassium content in the human organism is 1.96 ± 0.08 g/kg of body weight for men and 1.53 ± 0.04 g/kg for women. The specific activity of Cs^{137} in the organism of a person not engaged in nuclear work was shown to increase from 35 to 135 picocurie from September 1962 to August 1963 as a result of contamination of the biosphere by nuclear fallout. "The authors thank Academician A. P. Aleksandrov for suggesting the problem and continuous interest in this research." Orig. art. has: 5 figures and 1 table.

ASSOCIATION: None

SUBMITTED: 24 Jun 64

NR REF SOV: 001

ENCL: 00

SUB CODE: LS, OP

OTHER: 002

CC
Card 2/2

SIVINTSEV, Yu.V.; ARUTINOV, O.V.; KANAREYKIN, V.A.

Correlation between K^{40} content in the organism of man and
its constitution. Radiobiologiya 5 no.5:763-765 '65.
(MIRA 18:11)

1. Institut atomnoy energii imeni I.V.Kurchatova, Moskva.

ARUTSEV, M.V.

Use of a magnetic separator for freeing cullet of crown caps.
Stek. i ker. 18 no.11:38 N '61. (MIRA 15:3)
(Glass manufacture) (Separators (Machines))

ARUTSYAN, O., starshiy shturman

A new method. Grazhd. av. 19 no.4:22-23 Ap '62. (MIRA 15:5)

1. Armyanskaya otdel'naya aviagruppa Grazhdanskogo
vozdušnogo flota.
(Caucasus--Aeronautics in geology)

ARUTYANOV, V.Ya., prof. (Moskva)

Lupus erythematosus. Fel'd. i akush. 26 no.12:15-18 D '61.

(MIRA 14:12)

(LUPUS)

SALIKHODZHAYEV, S.S.; SIMANOVICH, T.D.; ARUTYUNINA, N.V.

Hygienic characteristics of sulfur and ozocerite production.
Gig. i san. 28 no.7:97 JI '63. (MIRA 17:1)

1. Iz Uzbekskogo nauchno-issledovatel'skogo instituta sanitarii, gigiyeny i professional'nykh zabolevaniy.

ARUTYUNOV, A.A.

Annual survey of solar radiation in Ashkhabad and its importance
for the national economy. Trudy Inst.fiz.i geofiz.AN Turk.SSR
2:202-217 '56. (MLRA 10:5)
(Ashkhabad--Solar radiation)

PROCESSES AND PROPERTIES INDEX

CA

9

Production of cast iron with a small sulfur content. M. P. Savel'ev and A. A. Arutyunov. *Lit. Rev. Delo* 1939, No. 2-3, 32-5; *Khim. Referat. Zhur.* 1939, No. 8, 72. (In smelting in the cupola, calcined soda demul-
 tified cast iron by 32-4%. A decrease of the height of the ore layer lowered the content of the S in the metal from an av. of 0.110% to 0.097%. Cast iron can be produced with a S content not higher than 0.120% without addn. of calcined soda if the S in coke does not exceed 1.10%, if the diam. of the coke pieces added to the ore does not exceed 200-300 mm, and if 35-40% of limestone (of the total wt. of the coke and ore) is added to the mixt. The amts. of the components of the mixt. must be carefully controlled and the smelting must be performed with max. speed. The time of contact of the metal with the slag which influences considerably the satn. of cast iron with S has not been considered.

W. R. Henn

ASB-55A METALLURGICAL LITERATURE CLASSIFICATION

DOROKHIN, L.M., kand. tekhn. nauk; ARUTYUNOV, A.A., inzh.

Chromium plating as an effective method of reconditioning
diesel locomotive parts. Elek. i tepl. tiaga 3 no.4:16-17
Ap '59. (MIRA 12:7)

1. Depo Tashkent, Tashkentskaya doroga.
(Chromium plating) (Diesel locomotives--Maintenance and repair)

ARUTYUNOV, A.A.

Transform the factory into an enterprise of communist labor.
Med. prom. 14 no.9:10-15 S '60. (MIRA 13:9)

1. Mediko-instrumental'nyy zavod im. V.I. Lenina.
(MEDICAL INSTRUMENTS AND APPARATUS)

ARUFYUNOV, A. A.

Arufyunov, A. A. I. Oganyesyan, G. N.

25996

K voprosu o nekotorykh fiziologicheskikh i patofiziologicheskikh sostoyaniyakh pishchevoda. Vestnik otorinolaringologii, 1949, No. 4, S. 15 - 21.
Bibliogr: 14 nazv.

SO: INTSIS' NO. 40

ARUTYUNOV, A.A.

Neuro-muscular disorders of the esophagus; spasm of the esophagus.
Vest. otorinolar., Moskva 15 no.2:76-81 Mar-Apr 1953. (CINL 24:3)

1. Professor. 2. Of the Clinic for Diseases of the Ear, Throat, and Nose,
Yerevan Medical Institute.

ARUTYUNOV, A.A., professor; GYULKHASYAN, A.A.; SHUKURYAN, K.G., kandidat
meditsinskikh nauk; AGARONYAN, Dzh.A., kandidat meditsinskikh nauk;
BEGLARYAN, A.G., dotsent

[Some experimental data on the pathogenesis of tonsillitis. Vest.
oto-rin. 18 no.5:17-22 S-0 '56. (MLRA 9:11)

1. Iz kliniki bolezney ukha, gorla i nosa (zav. - prof. A.A.Arutyunov),
iz kafedry mikrobiologii (zav. - dotsent V.T.Gabriel'yan) Brevanskogo
meditsinskogo instituta.

(TONSILLITIS, exper.

pathogen. develop. in dogs & rabbits)

А.А. Арutyunov
ARUTYUNOV, A.A.; BORONIN, S.I.

**Lenin Medical Instruments Plant in Gorkiy. Med.pron. 11 no.10:
52-60 0 '57. (MIRA 11:1)
(GORKIY--MEDICAL INSTRUMENTS AND APPARATUS)**

ARUTYUNOV, A.A.

Personnel of the V.I. Lenin Medical Equipment Factory in the campaign
for technical progress. Med.prom. 13 no.11:9-14 N '59.

(MIRA 13:3)

(MEDICAL INSTRUMENTS AND APPARATUS)

ARUTYUNOV, A.A.

Introduction of the profile grinding method in the manufacture of
medical instruments. Med.prom. 14 no.2:22-27 F '60.

(MIRA 13:5)

1. Mediko-instrumental'nyy zavod imeni V.I. Lenina.
(GRINDING AND POLISHING)

ARUTYUNOV, A.A.; PROMPTOV, V.P.; SAKYANTS, V.G.

Susceptibility of Menzbir's marmots to plague under conditions of
experimental infection. Uzb. biol. zhur. no.4:49-52 '61.
(MIRA 14:10)

1. Protivochnnaya stantsiya Tashkentskoy zheleznoy dorogi.
(MARMOTS---DISEASES AND PESTS) (PLAGUE)

ARUTYUNOV, A.A.

Industrial production of new medical objects developed at the
Research Institute for Experimental Surgical Apparatus and Instru-
ments. Trudy NIIKHAI no.5:313-316 '61. (MIRA 1518)

1. Direktor Gor'kovskogo mediko-instrumental'nogo zavoda im. V.I.
Lenina.

(MEDICAL INSTRUMENTS AND APPARATUS)

L 37097-66 EWT(1)/T IJP(c) GG

ACC NR: AP6018786

SOURCE CODE: UR/0022/65/018/006/0071/0079

AUTHOR: Arutyunyan, R. M.

ORG: Institute of Metallurgy im. A. A. Baykov, Moscow (Institut metallurgii);
TsNI Physicotechnical Laboratory, AN Armenian SSR (TsNI Fiziko-
tekhnicheskaya laboratoriya AN Armyanskoy SSR)

70
B

TITLE: Concerning the stability of the superconducting state of a current-carrying
film

SOURCE: AN ArmSSR. Izvestiya. Seriya fiziko-matematicheskikh nauk, v. 18, no. 6, 1965,
71-79

TOPIC TAGS: superconductivity, metal film, thermodynamic function, phase transition,
metastable state, critical point, wave function

ABSTRACT: The author analyzes the stability of the superconducting state of an ideal
film without edges, of thickness $2d \ll \delta_0(T)$, where $\delta_0(T)$ is the London depth of
penetration, with and without current flowing in the film, in the presence of a mag-
netic field. The thermodynamic potential of the film in the superconducting state is
determined and it is shown that in the presence of the current the film is in a meta-
stable state near the point of transition from the superconducting to the normal state.
The film is assumed to be part of a closed circuit to which an external emf is applied
in such a way, that the total current in the circuit remains constant during the
entire transition of the film from the superconducting state to the normal state. The

Card 1/2

L 37097-66 EWT(1)/T TJP(c) CG

ACC NR: AP6018786

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AUTHOR: Arutyunyan, R. M.

ORG: Institute of Metallurgy im. A. A. Baykov, Moscow (Institut metallurgii);
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ABSTRACT: The author analyzes the stability of the superconducting state of an ideal film without edges, of thickness $2d \ll \delta_0(T)$, where $\delta_0(T)$ is the London depth of penetration, with and without current flowing in the film, in the presence of a magnetic field. The thermodynamic potential of the film in the superconducting state is determined and it is shown that in the presence of the current the film is in a metastable state near the point of transition from the superconducting to the normal state. The film is assumed to be part of a closed circuit to which an external emf is applied in such a way, that the total current in the circuit remains constant during the entire transition of the film from the superconducting state to the normal state. The

Card 1/2

ARUTYUNOV, Armais Arkad'yevich, inzh.; DOROKHIN, Leontiy Mikhaylovich,
kand. tekhn. nauk; ASTASHKEVICH, B.M., inzh., retsenzent;
TROFIMOV, S.L., inzh., red.; VOROTNIKOVA, L.F., tekhn. red.

[Reconditioning of diesel locomotive parts by chromium plating;
experience of the Tashkent depot] Vosstanovlenie detalei teplo-
vozzov khromirovaniem; opyt depo Tashketn. Moskva, Transzhel-
dorizdat, 1962. 54 p. (MIRA 15:6)

(Diesel locomotives--Maintenance and repair)
(Chromium plating)

ARUTYUNOV, A. B.

Arutyunov, A. B. "Penicillin-forming fungi in Azerbaijan", Trudy azerbaydzh. gos. un-ta im. Kirova, Biol. Se iya, Vol. III, Issue 3, 1948, p. 35-38.

SO: U-3042, 11 March 1953, (Letopis 'nykh Statey, No. 10, 1949).

ARUTYUNOV, A.B.; BAKALYAN, P.A.

Determination of iron in certain food products, wines, and mineral water with the aid of complexon (trilone B). Zhur. ob.biol. 20 no.2:84-87 Mr-Apr '59. (MIRA 12:5)

1. Iz kafedry gigiyeny pitaniya (zav.kafedroy - dots. A.B. Arutyunov) Yerevanskogo gosudarstvennogo meditsinskogo instituta.

(CHLORATING AGENTS,

(ethylenedinitrolo) tetraacetic acid, determ. of iron in food, mineral water & wine.

(IRON, determ. same)

(FOOD,

determ. of iron with (ethylenedinitrolo) tetraacetic acid (Run))

(MINERAL WATER, same)

ARUTYUNOV, A.B.

Plea for bringing the practical experience of fourth-year students of departments of nutritional hygiene and sanitation closer to actual conditions. Vop. pit. 20 no. 1:88-89 Ja-F '61. (MIRA 14:2)

1. Iz kafedry gigiyeny pitaniya (zav. - dotsent A.B. Arutyunov)
Yerevanskogo meditsinskogo instituta.
(NUTRITION—STUDY AND TEACHING)

ARUTYUNOV, A.B.

Conference of the Transcaucasian Republics on problems in nutritional
hygiene. Vop. pit. 19 no.2:92-95 M^oAp '60. (MIRA 14:7)
(NUTRITION)

ARUTYUNOV, A.I.

VELIKOVSKIY, A.S.; ARUTYUNOV, A.I.; YUSHKIN, V.V.

Experience in low temperature separation of condensate and water
out of gas from a gas condensate field. Gaz. prom. no. 5:10-14 My
'58. (MIRA 11:5)

(Gas, Natural)

ABUTYUNOV, A.I.

Simplified formulas for calculating the gas yield of gas wells.
Gaz. prom. no.6:1-7 Je '58. (MIRA 11:6)
(Gas, Natural)

ARUTYUNOV, A.I.

14(5)

SOV/92-58-9-20/36

AUTHOR: Arytyunov, A.I., Laboratory Head

TITLE: New Method of Removing Paraffin Deposits from Deep Wells (Novyy metod bor'by s parafinom v glubinno-nasosnykh skvazhinakh)

PERIODICAL: Neftyanik, 1958, Nr 9, pp 21-22 (USSR)

ABSTRACT: The author, employed in the Fergana region, has developed and built a device for removing paraffin deposits from deep wells. This device proved very useful from the technical and economic standpoint. The combined stem consisting of several tubes in its upper part and several round bars in its lower part is sunk into a well where paraffin deposits accumulate. The stem is built of 1 1/4-in. or 1 1/2-in. pump tubes. With the aid of this device the deparaffinization process is carried out as follows: for a few minutes the operation of the pumper is interrupted in order to connect the steam line with the upper branch pipe of the installation. Then, when the oil well operation is

Card 1/2

New Method of Removing Paraffin (Cont.)

SOV/92-58-9-20/36

resumed, the steam line valve is opened and steam comes into the tubes of the stem. Proceeding through tubes and the lower opening, the steam as well as the condensed water melt the paraffin deposits which, being reliquified, mix with the fluid and run down to the trap or gaging tank. In a schematic diagram the author shows the new device and the way it operates. In the course of operations it has been found that 180-200 liters of water suffice to flush 6-7 wells and to remove paraffin deposits from them. The author explains the advantages offered by this new device and new method of deparaffinizing oil wells, and states that its application makes it possible to remove paraffin not only by steam, but by any hot liquid such as water, crude oil, solar oil, etc. There is one schematic drawing.

ASSOCIATION: Laboratoriya po eksploatatsii gazovykh skvazhin
VNIIGaza (The VNIIGas Laboratory for Exploitation of Gas Wells)

Card 2/2

ARUTYUNOV, A.I.

High-pressure system for collecting gas and condensates in gas fields without using gas collectors. Gas. prom. 4 no.4:4-10 Ap '59. (MIRA 12:6)

(Gas, Natural)

LUTOSHKIN, G.S., ARUTYUNO, A.I., KOROTAYEV, Yu.P.

Planning of assemblies for gathering in gas fields. Gas.prom. 5 .
no.4:1-4 Ap '60. (MIRA 13:8)

(Gas, Natural)

ARUTYUNOV, Aleksey Ivanovich; LEVINA, Ye.S., vedushchiy red.; TROFIMOV, A.V.
tekh. red.

[Low temperature separation of natural gas] Nizkotemperaturnaia se-
paratsiia prirodnogo gaza. Moskva, Gos. nauchno-tekhn. izd-vo neft.
i gorno-toplivnoi lit-ry, 1961. 48 p. (MIRA 14:7)
(Gas, Natural—Separation)

STEPANOVA, G.S.; LEGEZIN, N.Ye.; ARUTYUNOV, I.I.

Operation of an industrial unit for low-temperature gas
separation at different temperatures. Gaz. prom. 6 no. 1:14-
18 '61. (MIRA 14:1)

(Gases—Separation)

VELIKOVSKIY, A.S.; ARUTYUNOV, A.I.; YUSHKIN, V.V.

Separation of condensate from gas at low temperatures. Trudy VNIIGAZ
no.17:99-107 '62. (MIRA 15:12)

(Gas, Natural--Separation)

STEPANOVA, G.S.; LEGEZIN, N.Ye.; ARUTYUNOV, A.I.

Using an industrial installation for low-temperature separation of
gas in the Leningrad field. Trudy ANIIGAZ no.17:125-134 '62.

(MIRA 15:12)

(Krasnodar territory--Condensate oil wells--Equipment and supplies)
(Krasnodar territory--Gas, Natural--Separation)

112

ARUTYUNOV, A.I.

Determining the site of the gas-gathering point on a field.

Gaz. delo no.10:3-9 '63.

(MIRA 17:4)

1. Gosudarstvennyy komitet khimicheskoy i neftyanoy promyshlennosti
pri Gosplane SSSR.

SIMYGLYA, Petr Terent'yevich; ERAGIN, Viktor Alekseyevich;
DINKOV, Vasiliy Aleksandrovich; ARUTYUNOV, A.I., red.;
CHOPOROVA, T.A., ved. red.; STAROSTINA, I.D., tekhn.red.

[Programming the development and exploitation of gas condensate wells. Gas condensate wells in Krasnodar Territory] Proektirovanie razrabotki i ekspluatatsiia gazokondensatnykh mestorozhdenii; gazokondensatnye mestorozhdeniia Krasnodarskogo kraia. Moskva, Gostoptekhizdat, 1963. 233 p. (MIRA 17:1)

ARUTYUNOV, A.I.

Designing a commercial high-pressure centralized gas gathering
network of minimal weight. Gaz. delo no.7:13-18 '64.
(MIRA 17:8)

1. Gosudarstvennyy komitet neftedobyvayushchey promyshlennosti
pri Gosplane SSSR.

ARUTUNOV, A. I.

Surgery in gunshot traumas of the major blood vessels. Kiev, Gos. med. izd-vo USSR.
1949. 207 p.

DSG

ARUTYUNOV, A. I.

32795. ARUTYUNOV, A. I. i SEMENOV, N. V. O temperature mozgallikvora ego polostey v klinike i sksperimente, soobshch, 1. Trudy kiyevsk. Nauch.-issled. Psikhonevrol. In-ta, T. XII, 1949, s. 159-57, 217-20

SO: Letopis' Zhurnal'nykh Statey, Vol. 44, Moskva, 1949

ARUTYUNOV, A. I., PROF.

"Dormancy and remission in spinal cord tumors." Vop. neurokhir. 16 no. 2, 1952.

SO: MLRA. October 1952.

ARUTYUNOV, A. I., PROF.

Certain new problems in the study of intracranial hypertension in cerebral tumors.
Vop. neurokhir., 16, no. 3, 1952

SO: MLRA. October 1952

GEYNISMAN, Ya.I., professor; ARUTYUNOV, A.I., professor, direktor.

Pneumoencephalographic methods. Vest.rent.1 rad. no.3:63-67 My-Je '53.
(MLRA 6:8)

1. Nauchno-issledovatel'skiy institut neyrokhirurgii Ministerstva zdra-
vookhraneniya USSR. (Encephalography)

Arutyunov, A.I.
ARUTYUNOV, A.I.

[Problems of neurosurgery; collection of articles] Problemy
neirokhirurgii; sbornik trudov. Kiev, Gos. Meditsinskoe izd.-vo
USSR, 1955. Vol.1. (MLA 8:11)
(NERVOUS SYSTEM--SURGERY)

ARUTYUNOV, A.I., professor

Non-penetrating cerebrocranial injuries. Vop.neirokhir. 19 no.2:
4-9 Mr-Ap '55. (MLRA 8:7)

1. Iz Instituta neyrokhirurgii Ministerstva zdravookhraneniya
USSR.

(HEAD, wounds and injuries,
closed)

(WOUNDS AND INJURIES,
head, closed)

USSR / General Problems of Pathology. Tumors. L-7
Comparative Oncology. Tumors in Humans.

Abs Jour: Ref Zhur-Biol., No 15, 1958, 70896

Author : ~~Arutyunov A. I.~~
Inst : Not given
Title : General and Localized Cerebral Reactions to
Neoplasms of the Brain.

Orig Pub: Vrachebn. Delo. 1957. No 2, 113-120.

Abstract: Localization of the tumor, pathology of intra-cranial pressure and stages of its development, histological structure of the tumor and stages of the process which determines the dynamics and type of appearance and progress of the tumor syndrome. Deals especially with an intoxication which causes the development of a hypoxia of tissues, disturbance of the liquor pH, increases the blood

Card 1/2

Arutyunov, A. I.

ARUTYUNOV, A.I., *zasl. deyatel' nauki prof. (Kiyev)*

Neurosurgery of the Ukrainian S.S.R. on the 40th anniversary of
the Great October Revolution. Nov.khir,arkh. no.5:27-35 S-O '57.
(UKRAINE--NERVOUS SYSTEM--SURGERY) (MIRA 10:12)

ARUFYUNOV, A.I., prof. (Kiyev, ul. Gor'kogo d.19/21, kv.17); BROTMAN, M.K.,
starshiy nauchnyy sotrudnik

V.A.Oppel and the theory of "adrenal arteriosis." Nov.khir. arkh.
no.6:6-16 N-D '57. (MIRA 11:3)
(ARTERIES--DISEASES) (ADRENAL GLANDS)

ARUTYUNOV, A.I., zaslushennyy deyatel' nauki, prof. (Kiyev)

Achievements in the development of neurosurgery in the Ukraine.
Vrach.delo no.2:113-117 P '58. (MIRA 11:3)
(UKRAINE--NERVOUS SYSTEM--SURGERY)

ARUTYUNOV, Aleksandr Ivanovich; ZOZULYA, Yu.A.; OGANESYAN, S.S.

[Tuberculomas of the brain] Tuberkulomy golovnoho mozga.
Kiev, Gosmedizdat USSR, 1959. 199 p. (MIRA 13:2)
(BRAIN--TUMORS)

ARUTYUNOV, A.I.

Histobiological characteristics of brain tumors as one of the factors
in the formation of their clinical picture. Probl.neirokhir. 4:5-18
'59. (MIRA 13:11)

(BRAIN--TUMORS)

ARUTYUNOV, A.I., zasluzhennyy deyatel' nauki, prof. (Kiyev, ul. Gor'kogo,
d. 19/21, kv.17); BROTMAN, M.K., starshiy nauchnyy sotrudnik

Clinical course and treatment of protrusions of the cervical
intervertebral disk as a surgical problem. Nov. khir. arkh.
no.2:5-18 Mr-Ap '60. (MIRA 14:11)

(INTERVERTEBRAL DISK--DISEASES)

ARUTYUNOV, A.I., zasluzhennyy deyatel' nauki, prof.

"Brain tumors." Reviewed by A.I.Arutiunov. Nov. khir. arkh. no.3:
105-107 My-Je '60. (MIRA 15:2)

(BRAIN_TUMORS)

ARUTYUNOV, A.I., zasluzhennyi deyatel' nauki, prof.; BROTMAN, M.K., starshiy
nauchnyy sotrudnik

Clinical aspects and treatment of lumbar intervertebral disk prolapse
as a surgical problem. Report No.2. Nov. khir. arkh. no.4:3-17 J1-
Ag '60. (MIRA 15:2)

1. Adres avtorov: Kiyev, ul. Manuil'skogo, d.32, Ukrainskiy nauchno-
issledovatel'skiy institut heyrokhirurgii.
(INTERVERTEBRAL DISK SURGERY)

ARUTYUNOV, A.I., Prof.; PEDACHENKO, G.A., dotsent (Kiyev)

Hemorrhagic strokes and their surgical treatment. Vrach.delo no.5:
485-489 My '60. (MIRA 13:11)

1. Ukrainskiy nauchno-issledovatel'skiy institut neyrokhirurgii.
(APOPLEXY)

ARUNURU, A I.

(10)

AMORF, A. J. and KVANTSYNA-AZYZOVA, I. G.,
 both at the Institute of Neurosurgery, Lenin
 St. Bldg., Academy of Medical Sciences
 USSR, Moscow, "Cholesterones of the spinal
 cord after tuberculosis meningitis" - paper
 to be presented at the General Scientific
 Session of 17 Oct 61

ARMUTOV, A. I., Director, Ukrainian Scientific
 Research Institute of Neurosurgery, Kiev -
 "Cerebral edema and the problem of raising in-
 tracranial pressure" - paper to be presented at the
 General Scientific Session of 16 Oct 61

BLON'SKIY, I. A., Head, Clinic of Nervous Disorders
 and Neurosurgery, North Caucasus Medical Institute,
 Kozlov-on-Don, and TYUMEN, K. S., Member, same
 Clinic - "Types of vascularization of intracranial
 tumors" - paper to be presented at the General
 Scientific Session of 19 Oct 61

BYKOV, I. J., CHUDIA, A. J., BEZVATY, K. E., and
VOLOV, A. A., all at the Leningrad Research
 Institute Lenin A. I. Polevov, and BEZVATY, T. A.,
 Leningrad - "Combined surgical and radiological
 treatment of intracerebral tumors" - paper to be
 presented at the General Scientific Session 16 Oct 61

BYZOV, E. G., Member, Institute of Neurosurgery, Lenin
 St. Bldg., Academy of Medical Sciences USSR,
 Moscow - "The methods of follow-up of surgical
 treatment of tumors of lateral and third ventricles
 of the brain" - paper to be presented at the General
 Scientific Session 17 Oct 61

Report to be submitted for the Second Intl. Congress of Neurological Surgery,
 11-20 October 1961, Wash. D C.

ARUTYUNOV, A.I., zasluzhennyi deyatel' nauki, prof. (Kiyev)

Subdural encapsulated hematomas; their clinical aspects and
surgical treatment. Vop.neirokhir. 25 no.1:16-21 Ja '61.
(MIRA 14:2)

1. Ukrainskiy nauchno-issledovatel'skiy institut neirokhirurgii.
(BRAIN—HEMORRHAGE)

ARUTYUNOV, A.I.

"Spontaneous intracerebral hemorrhage and its surgical treatment."

Report submitted to the Czech. Medical Congress for the Medical Society
of J.E. Purkyne, Prague, Czech. 12-17 Nov 1962